

Converting Colors

XYZ(8.3239, 9.2235, 1.6894)

Have a look what the booklet for
XYZ(8.3239, 9.2235, 1.6894)
contains.

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Color

XYZ(8.3239, 9.2235, 1.6894)

Conversions

Conversions Part 1

Format	Color
Hex	61560C
RGB	97, 86, 12
RGB Percent	38%, 34%, 5%
CMY	0.6196, 0.6627, 0.9529
CMYK	0.00, 0.11, 0.88, 0.62
HSL	52°, 78%, 21%
HSV	52°, 88%, 38%
XYZ	8.3239, 9.2235, 1.6894
YIQ	80.8530, 30.3100, -20.6820

Conversions

Conversions Part 2

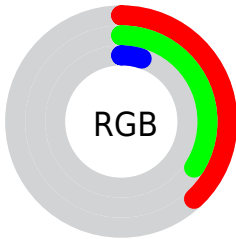
Format	Color
R_{YB}	25, 97, 12
Decimal	6379020
CIE Lab	36.41, -3.87, 40.48
CIE LCh	36, 40.665, 95.460
Yxy	9.2235, 0.4327, 0.4795
Android (android.graphics.Color)	4284569100 (0xFF61560C)
YUV	80.8530, -33.9445, 14.1609
Hunter-Lab	30.3702, -4.2244, 17.9610

Details

The XYZ color **8.3239, 9.2235, 1.6894** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.6157, 1.5540, 11.4712**, and the grayscale version is **7.8530, 8.2619, 8.9973**.

A 20% lighter version of the original color is **22.1389, 24.1709, 8.2012**, and **1.9652, 2.1902, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **8.1710, 9.0038, 1.3734**, and if you desaturate by 10%, it is **8.5008, 9.4564, 2.1213**.

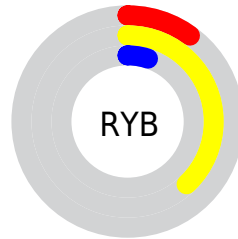
Distribution



Red (38%)

Green (34%)

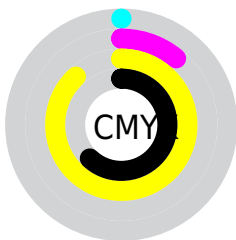
Blue (5%)



Red (10%)

Yellow (38%)

Blue (5%)

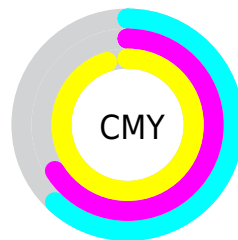


Cyan (0%)

Magenta (11%)

Yellow (88%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.3239, 9.2235, 1.6894 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 8.3239, 9.2235, 1.6894 by changing the saturation by 10% instead.

8.3239, 9.2235,
1.6894

8.3239, 9.2235,
1.6894

172.5670,
185.0365, 117.3505

4.3564, 4.8872,
0.3535

22.2704, 24.3244,
8.1728

1.9057, 2.1813,
0.0000

32.9801, 35.8578,
14.2773

0.5801, 0.7097,
0.0000

46.6680, 50.5590,
22.8483

0.0000, 0.0000,
0.0000


63.6994, 68.8125,
34.3044


84.4397, 91.0026,
49.0641


109.2541,


117.5137, 67.5460


 138.5081,
148.7302, 90.1686


 8.3239, 9.2235,
1.6894


 8.3239, 9.2235,
1.6894


 8.1710, 9.0038,
1.3734


 8.5008, 9.4564,
2.1213

 8.1351, 8.9521,
1.2992

 8.7143, 9.7064,
2.7385

 8.9684, 9.9754,
3.5600

 9.2659, 10.2647,
4.6021

 9.6099, 10.5754,
5.8797

■ 10.0029, 10.9087,
7.4063

■ 10.4472, 11.2653,
9.1943

■ 10.9451, 11.6463,
11.2555

■ 11.4986, 12.0525,
13.6006

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.8836, 9.2235, 2.0692



8.3239, 9.2235, 1.6894



6.2970, 9.2235, 2.5527

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8.3239, 9.2235, 1.6894



5.4483, 9.2235, 20.1405



13.8169, 9.2235, 16.7921

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8.3239, 9.2235, 1.6894



2.6157, 1.5540, 11.4712

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.8099, 9.2235, 25.6290



8.3239, 9.2235, 1.6894



6.9437, 9.2235, 28.1143

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8.3239, 9.2235, 1.6894



4.8480, 9.2235, 11.3888



9.2248, 9.2235, 30.4887



14.3743, 9.2235, 8.8073

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8.3239, 9.2235, 1.6894



5.4166, 9.2235, 4.1501



9.2248, 9.2235, 30.4887



13.2731, 9.2235, 19.8585

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8.3241, 9.2239, 1.6896



17.2089, 18.7503, 12.9438



5.2193, 2.8676, 1.1068



4.2316, 4.6215, 3.0507



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.3241, 9.2239, 1.6896



13.8958, 15.2475, 2.2107



6.5766, 9.7284, 1.8790



2.7372, 2.9177, 2.7630



11.0457, 12.1342, 1.7600



58.5574, 63.9208, 9.2516

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2.6157, 1.5540, 11.4712



3.8862, 1.8549, 19.5385



3.2925, 1.6433, 11.4528



2.4740, 2.5626, 3.2095



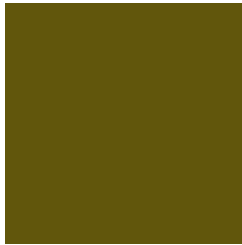
3.0999, 1.5025, 15.5143



16.1739, 7.2541, 82.7523

Previews

White Background



This preview shows how the XYZ color 8.3239, 9.2235, 1.6894 looks on a white background.

Color Contrast Check

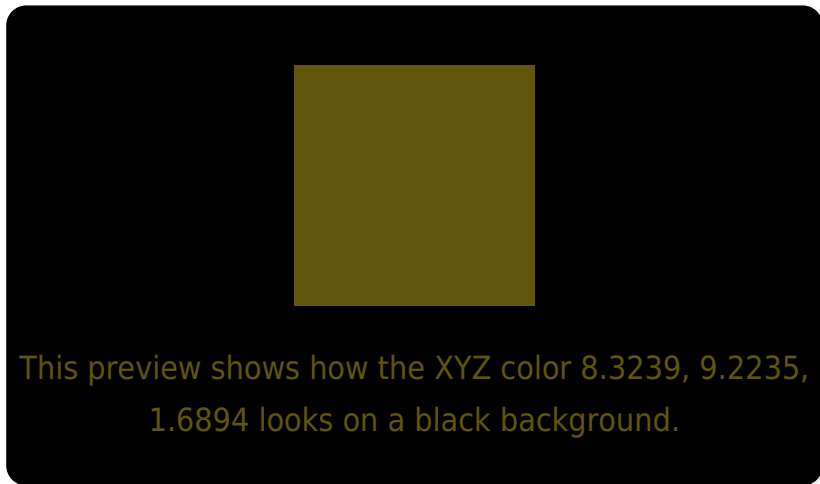
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.3239, 9.2235, 1.6894

Background



This preview shows how black text looks on a background with the XYZ color 8.3239, 9.2235, 1.6894.



This preview shows how white text looks on a background with the XYZ color 8.3239, 9.2235, 1.6894.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

8.3239, 9.2235, 1.6894

Protanopia

8.3239, 9.2235, 1.6894

Deuteranopia

9.2203, 9.1104, 1.7627



Tritanopia

10.0279, 9.2340, 10.0579

Trichromacy



Original Color

8.3239, 9.2235, 1.6894

Protanomaly

8.3239, 9.2235, 1.6894

Deuteranomaly

8.8884, 9.1641, 1.7523

Tritanomaly

9.0622, 9.0597, 5.4087

Monochromacy



Original Color

8.3239, 9.2235, 1.6894

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

7.7375, 8.4983, 4.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.3239, 9.2235, 1.6894 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(97, 86, 12) looks like.

```
.text, #text, p{  
    color:rgb(97, 86, 12)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(97, 86, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 86, 12) }
```

Border

The CSS property to change the border of an element to XYZ 8.3239, 9.2235, 1.6894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 86, 12) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(97, 86, 12) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(97, 86, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 86, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 86, 12);  
box-shadow:4px 4px 4px 4px rgb(97, 86, 12)  
}
```


Background

The CSS property to change the background color of an element to XYZ 8.3239, 9.2235, 1.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 86, 12) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(97, 86,  
12) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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